

First Named Component Leaching Index Values for CRP
Totchaket Area, Alaska: Detailed Soil Map Legend (published)

(see footnotes at end of table)

Map Symbol	Component Name	Map Unit Name	Drained Index	Undrained Index
1	BEALES	BEALES SILT LOAM, NEARLY LEVEL		2
10	KANTISHNA	KANTISHNA PEAT		1
11	KOYUKUK	KOYUKUK SILT LOAM, NEARLY LEVEL		3
12	KOYUKUK	KOYUKUK SILT LOAM, UNDULATING		3
13	KOYUKUK	KOYUKUK SILT LOAM, ROLLING		3
14	NENANA	NENANA SILT LOAM, MODERATELY DEEP, NEARLY LEVEL		3
15	NENANA	NENANA SILT LOAM, MODERATELY DEEP, UNDULATING		3
16	NENANA	NENANA SILT LOAM, MODERATELY DEEP, ROLLING		3
17	NENANA	NENANA SILT LOAM, SHALLOW, NEARLY LEVEL		3
18	NENANA	NENANA SILT LOAM, SHALLOW, UNDULATING		3
19	NENANA	NENANA SILT LOAM, SHALLOW, ROLLING		3
2	BEALES	BEALES SILT LOAM, UNDULATING		2
20	NENANA	NENANA SILT LOAM, SHALLOW, HILLY		3
21	RICHARDSON	RICHARDSON SILT LOAM		2
22	SALCHAKET	SALCHAKET VERY FINE SANDY LOAM		2
23	TANANA	TANANA SILT LOAM		1
24	TEKLANIKA	TEKLANIKA LOAMY FINE SAND, ROLLING		3
25	TEKLANIKA	TEKLANIKA LOAMY FINE SAND, HILLY		3
26	TEKLANIKA	TEKLANIKA LOAMY FINE SAND, STEEP		3
27	TEKLANIKA	TEKLANIKA LOAMY FINE SAND, VERY STEEP		3
28	TOKLAT	TOKLAT SILT LOAM		1
29	TOKLAT	TOKLAT-BOLIO COMPLEX		1
3	BOLIO	BOLIO PEAT		1
30	VOLKMAR	VOLKMAR SILT LOAM		2
31	VOLKMAR	VOLKMAR-NENANA COMPLEX		2
4	BRADWAY	BRADWAY VERY FINE SANDY LOAM		1
5	DOTLAKE	DOTLAKE SILT LOAM		1
6	FAIRBANKS	FAIRBANKS SILT LOAM, UNDULATING		2
7	FAIRBANKS	FAIRBANKS SILT LOAM, ROLLING		2
8	FAIRBANKS	FAIRBANKS SILT LOAM, VERY STEEP		2

This report produces Leaching Index Values (1, 2 and 3) suitable for use as described in Part 539.58 - National Ranking Factor N2, Subfactor B in the CRP Manual. The index information presented in the report is based on data from the first named component of the soil map unit.

The values 1, 2 and 3 are derived by using the same algorithms included in the SOIL PESTICIDE INTERACTION SCREENING PROCEDURE II, Goss and Wauchope, November, 1990. These algorithms produce the leaching values 1, 2, 3 and 4 but this report reverses the order of meaning and combines values 3 and 4. Thus, this report, as required by CRP rules correctly reports 1 as low, 2 as medium, and 3 as high. These values are ready for use in determining signup scores for National ranking subfactor N2 without further code conversion.

Weighted Average Leaching Index Values for CRP
Totchaket Area, Alaska: Detailed Soil Map Legend (published)

(see footnotes at end of table)

Map Symbol	Map Unit Name	Drained Index	Undrained Index
1	BEALES SILT LOAM, NEARLY LEVEL		2
10	KANTISHNA PEAT		1
11	KOYUKUK SILT LOAM, NEARLY LEVEL		3
12	KOYUKUK SILT LOAM, UNDULATING		3
13	KOYUKUK SILT LOAM, ROLLING		3
14	NENANA SILT LOAM, MODERATELY DEEP, NEARLY LEVEL		3
15	NENANA SILT LOAM, MODERATELY DEEP, UNDULATING		3
16	NENANA SILT LOAM, MODERATELY DEEP, ROLLING		3
17	NENANA SILT LOAM, SHALLOW, NEARLY LEVEL		3
18	NENANA SILT LOAM, SHALLOW, UNDULATING		3
19	NENANA SILT LOAM, SHALLOW, ROLLING		3
2	BEALES SILT LOAM, UNDULATING		2
20	NENANA SILT LOAM, SHALLOW, HILLY		3
21	RICHARDSON SILT LOAM		2
22	SALCHAKET VERY FINE SANDY LOAM		2
23	TANANA SILT LOAM		1
24	TEKLANIKA LOAMY FINE SAND, ROLLING		3
25	TEKLANIKA LOAMY FINE SAND, HILLY		3
26	TEKLANIKA LOAMY FINE SAND, STEEP		3
27	TEKLANIKA LOAMY FINE SAND, VERY STEEP		3
28	TOKLAT SILT LOAM		1
29	TOKLAT-BOLIO COMPLEX		1
3	BOLIO PEAT		1
30	VOLKMAR SILT LOAM		2
31	VOLKMAR-NENANA COMPLEX		2
4	BRADWAY VERY FINE SANDY LOAM		1
5	DOTLAKE SILT LOAM		1
6	FAIRBANKS SILT LOAM, UNDULATING		2
7	FAIRBANKS SILT LOAM, ROLLING		2
8	FAIRBANKS SILT LOAM, VERY STEEP		2

This report produces Leaching Index Values (1, 2 and 3) suitable for use as described in Part 539.58 - National Ranking Factor N2, Subfactor B in the CRP Manual. The index information presented in the report is a weighted average of the component indexes by the map unit component percent composition.

The values 1, 2 and 3 are derived by using the same algorithms included in the SOIL PESTICIDE INTERACTION SCREENING PROCEDURE II, Goss and Wauchope, November, 1990. These algorithms produce the leaching values 1, 2, 3 and 4 but this report reverses the order of meaning and combines values 3 and 4. Thus, this report, as required by CRP rules correctly reports 1 as low, 2 as medium, and 3 as high. These values are ready for use in determining signup scores for National ranking subfactor N2 without further code conversion.